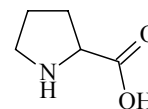


659
MW $C_5H_9NO_2$

Proline

 C_1

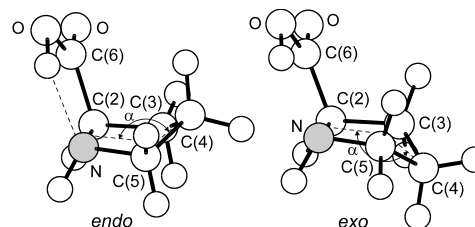
r_0	Å	θ_0	deg
C(5)–N	1.451(6)	O=C(6)–O	124.9(9)
C–C	1.544(16)	C(2)–C(6)–O	116.2(8)
C(6)–O	1.340(10)	N–C(2)–C(6)	111.0(9)
C(6)=O	1.210(10)	C(5)–N–C(2)	108.3(9)
		C(4)–C(5)–N	103.7(1)
		C(3)–C(4)–C(5)	101.9(9)
		C(5)–N–C(2)–C(6) ^{a)}	121(1)
		N–C(2)–C(6)–O ^{a)}	0(2)
		C(3)–C(2)–N–C(5) ^{a)}	2(2)
		α ^{b)}	138(2)



The structural parameters of the *exo* conformer, other than $\alpha(\text{exo}) = 132(6)^\circ$, were assumed to be equal to the corresponding values of the *endo* conformer. The structural parameters of the *endo* conformer are listed in the table.

^{a)} Dihedral angle.

^{b)} Puckering angle, see figure for the definition.



Lesarri, A., Mata, S., Cocinero, E.J., Blanco, S., López, J.C., Alonso, J.L.: *Angew. Chem.* **114** (2002) 4867; *Angew. Chem., Int. Ed. Engl.* **41** (2002) 4673.